

ATTACHMENT 6

FAUQUIER COUNTY
DEPARTMENT OF COMMUNITY DEVELOPMENT
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DATE: March 20, 2002
TO: Brian Davis, Senior Planner
FROM: Danny Hatch, County Soil Scientist
SUBJECT: James O. Holbrook, IV, Trustee & Others (SE02-CR-18)

Many of the mapping units on this parcel contain soils that have shrink-swell clay in the subsoil and a high seasonal water table. Depending on placement of infrastructure, special engineering and design may need to be done to overcome the problems associated with these fat clays. It is very important where the applicant locates the appropriate one-acre area where improvements will be made. These soil features, also limit the type of on-site waste water treatment and disposal system. It is very likely that an alternative system will have to be used in order to service the employees with restroom facilities. A site-specific soil science investigation will need to be performed in order to determine the location of the proposed infrastructure. This information was obtained after reviewing the County Soil Survey map (1" = 400') in the office.